

**Q.P. Code: 401326**

**Reg. no.: .....**

**Fourth Year Pharm D Degree Regular/Supplementary Examinations**

**November 2021**

**Pharmacotherapeutics III**

**Time: 3 Hours**

**Total Marks: 70**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essays:**

**(3x10=30)**

1. Describe the clinical manifestations and treatment strategies in thromboembolism.
2. Explain the pathophysiology, diagnosis and pharmacotherapy of Parkinson's disease.
3. Outline the pain pathways with the pharmacological management for acute and chronic pain.

**Short notes:**

**(8x5=40)**

4. Describe about vitamin B12 deficiency anaemia.
5. Explain the treatment options for the management of ischemic stroke.
6. Mention the treatment plan for inflammatory bowel disease.
7. Discuss about the steps involved in Evidence Based Medicine
8. Explain the management strategies for viral hepatitis.
9. Discuss atypical anti-psychotic drugs with suitable examples.
10. Explain the types and management of sleep disorders.
11. Explain cluster headache. Write its management.

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